

Form PTO-1449 (Modified)

ATTY. DOCKET NO. ARIAD 331D USD1

SERIAL NO. Not yet assigned

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

APPLICANT S. Schreiber and G. Crabtree

FILING DATE Herewith

GROUP 1636

JC978 U.S. PTO

09/834424

04/13/01

U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
TMZ	*	5,120,727	06/09/92	Rapamycin dimers Kao, et al.	—	—	
TMZ	*	5,362,629	11/8/94	Detection of Immunosuppressants Schreiber et al.	—	—	
TMZ	*	5,525,708	06/11/96	Covalent dimer of kit ligand Nocka, et al.	—	—	
TMZ	*	5,684,136	11/04/97	Chimeric hepatocyte growth factor (HGF) ligand variants Godowski	—	—	
TMZ	*	5,763,584	06/09/98	Receptor activation with hepatocyte growth factor agonists Godowski	—	—	
TMZ	*	5,770,704	06/23/98	Receptor activation with inactive hepatocyte growth factor ligands Godowski	—	—	
TMZ	*	5,834,266	11/10/98	Regulated Apoptosis Crabtree et al.	—	—	
TMZ	*	5,869,337	02/09/99	Regulated Transcription of Targeted Genes and Other Biological Events Crabtree et al.	—	—	
TMZ	*	5,928,868	07/27/99	Three hybrid screening assay Liu, et al.	—	—	
TMZ	*	6,133,456	10/17/00	Synthetic Multimerizing Agents Holt et al.	—	—	
TMZ	*	6,150,527	11/21/00	Synthetic Multimerizing Agents Holt et al.	—	—	
TMZ	*	6,187,757 B1	02/13/01	Regulation of Biological Events Using Novel Compounds Clackson et al.	—	—	
TMZ	*	6,127,521	10/03/00	Immunosuppressant Target Proteins Berlin et al.	—	—	
TMZ	*	6,150,137	11/21/00	Immunosuppressant Target Proteins Berlin et al.	—	—	

OTHER PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Pub Date	Name	Class	Sub Class	Filing Date If Appropriate
TMZ	*	WO 93/23550	11/25/93	Activation of oligomerizing receptors by using fused receptor ligands Godowski	—	—	
TMZ	*	WO 95/34646	12/21/95	Novel cell systems having specific interaction of peptide binding pairs. Young & Ozenberger	—	—	
TMZ	*	WO 96/06111	02/29/96	Regulatable elimination of gene expression... Brugge & Crabtree	—	—	

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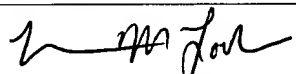
Exam Init	Ref Des	Document No.	Pub Date	Name	Class	Sub Class	Filing Date If Appropriate
RMJ	*	WO96/41865	12/27/96	Rapamycin-based regulation of biological events. Clackson et al.			
RMJ	*	WO 96/13613	05/09/96	New Method for Identifying and Evaluating Biologically Active Molecules Schreiber et al.			

OTHER ART

Exam Init	Ref Des	Author, Title, Date, Publication, Pertinent Pages.
RMJ	*	Linzer & Nathans, "Growth-related changes in specific mRNAs of cultured mouse cells." --- (1983) Proc Natl Acad Sci U S A., 80; 4271-4275.
RMJ	*	Heidaran et al. "Role of alpha beta receptor heterodimer formation in beta platelet-derived growth factor (PDGF) receptor activation by PDGF-AB." --- (1991) J Biol Chem, 266; 20232-20237.
RMJ	*	Kanakaraj et al., "Ligand-induced interaction between alpha- and beta-type platelet-derived growth factor (PDGF) receptors: role of receptor heterodimers in kinase activation." --- (1991) Biochemistry, 30; 1761-1767
RMJ	*	Ornitz et al., "Heparin is required for cell-free binding of basic fibroblast growth factor to a soluble receptor and for mitogenesis in whole cells." --- (1992) Mole Cell Biol, 12; 240-247.
RMJ	*	Spencer et al., "Controlling signal transduction with synthetic ligands." --- (1993) Science, 262; 1019-1024.
RMJ	*	Travis J., "Making molecular matches in the cell." --- (1993) Science, 262; 989.
RMJ	*	Mori et al., "Ligand-induced ubiquitination of the platelet-derived growth factor beta-receptor plays a negative regulatory role in its mitogenic signaling." --- (1993) J Biol Chem. 268; 577-583.
RMJ	*	Seed B., "Making agonists of antagonists." --- (1994) Chem Biol., 1; 125-129.
RMJ	*	Pruschy et al., "Mechanistic studies of a signaling pathway activated by the organic dimerizer FK1012." --- (1994) Chem Biol. 1; 163-172.
RMJ	*	Gordon et al., "Applications of combinatorial technologies to drug discovery. 2. Combinatorial organic synthesis, library screening strategies, and future directions." --- (1994) J Med Chem., 37; 1385-401. Review.
RMJ	*	Austin et al., "Proximity versus allostery: the role of regulated protein dimerization in biology." --- (1994) Chem Biol., 1; 131-136.
RMJ	*	Holsinger et al., "Signal transduction in T lymphocytes using a conditional allele of Sos." --- (1995) Proc Natl Acad Sci U S A., 92; 9810-9814.
RMJ	*	Spencer et al., "A general strategy for producing conditional alleles of Src-like tyrosine kinases." --- (1995) Proc Natl Acad Sci USA, 92; 9805-9809.
RMJ	*	Marshall CJ. "Cell signalling. Raf gets it together." --- (1996) Nature, 383; 127-128.
RMJ	*	Farrar et al., "Activation of the Raf-1 kinase cascade by coumermycin-induced dimerization." --- (1996) Nature, 383; 178-181.
RMJ	*	Luo et al., "Oligomerization activates c-Raf-1 through a Ras-dependent mechanism." --- (1996) Nature, 383; 181-185.
RMJ	*	Wells JA., "Hormone mimicry." --- (1996) Science. 273; 449-450.
RMJ	*	Wrighton et al., "Small peptides as potent mimetics of the protein hormone erythropoietin." --- (1996) Science, 273; 458-464.

Exam Init	Ref Des	Author, Title, Date, Publication, Pertinent Pages.
mmf	*	Livnah et al., "Functional mimicry of a protein hormone by peptide agonist: the EPO receptor complex at 2.8 A. --- (1996) Science, 273; 464-471.
mmf	*	Amara et al. "A versatile synthetic dimerizer for the regulation of protein-protein interactions." --- (1997) Proc Natl Acad Sci U S A., 94; 10618-10623.
mmf	*	Johnson et al., "Amino-terminal dimerization of an erythropoietin mimetic peptide results in increased erythropoietic activity." --- (1997) Chem Biol., 4; 939-950.
mmf	*	Kimura et al., "A non-peptide compound which can mimic the effect of thrombopoietin via c-Mpl." --- (1998) FEBS Lett., 428; 250-254.
mmf	*	Tian et al., "A small, nonpeptidyl mimic of granulocyte-colony-stimulating factor." --- (1998) Science, 281; 257-259.
mmf	*	Clemons PA., "Design and discovery of protein dimerizers." --- (1999) Curr Opin Chem Biol., 3; 112-115.
mmf	*	Qureshi et al., "Mimicry of erythropoietin by a nonpeptide molecule." --- (1999) Proc Natl Acad Sci U S A., 96; 12156-12161. ✓
mmf	*	Whitty & Borysenko, "Small molecule cytokine mimetics." --- (1999) Chem Biol., 6(4); R107-118. ✓
mmf	*	Zhang et al., "Discovery of a small molecule insulin mimetic with antidiabetic activity in mice." --- (1999) Science, 284; 974-977.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _09/430,508_, filed __October 29, 1999__, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

EXAMINER		DATE CONSIDERED	Sept. 26, 2002
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.